

09/28/00

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121	GACGGACTCT	GCTGACAGCC	CTTGCCCTGT	TGGATGAATA	GGCACCTCTG	GAAGAGCCAA
181	CTGTGTGAGA	TGGTGCAGCC	CAGTGGTGGC	CCGGCAGCAG	ATCAGGACGT	ACTGGGCGAA
241	GAGTCTCCTC	TGGGGAGCC	AGCCATGCTG	CACCTGCCCT	CAGAACAGGG	CGCTCCCTGAG
301	ACCCCTCCAGC	GCTGCCCTGA	GGAGAACATCAA	GAGCTCCGAG	ATGCCATCCG	GCAGAGCAAC
361	CAGATTCTGC	GGGAGCCTG	CGAGGGAGCTT	CTGCATTTC	AAGCCAGCCA	GAGGGAGGAG
421	AAGGAGTTCC	TCATGTGCAA	GTTCAGGAG	GCCAGGAAAC	TGGTGGAGAG	ACTCGGCCTG
481	GAGAAGCTCG	ATCTGAAGAG	GCAGAAGGAG	CAGGCTCTGC	GGGAGGTGGA	GCACCTGAAG
541	AGATGCCAGC	AGCAGATGGC	TGAGGGACAAG	GCCTCTGTGA	AAGCCCAGGT	GACGTCCCTG
601	CTCGGGGAGC	TGCAGGAGAG	CCAGAGTCGC	TTGGAGGCTG	CCACTAAGGA	ATGCCAGGCT
661	CTGGAGGGTC	GGGGCCGGGC	GGCCAGCGAG	CAGGCGCGC	AGCTGGAGAG	TGAGCGCGAG
721	GCGCTGCAGC	AGCAGCACAG	CGTGCAGGTG	GACCAGCTGC	GCATGCAGGG	CCAGAGCGTG
781	GAGGCCGCGC	TCCGCATGGA	GCGCCAGGCC	GCCTCGGAGG	AGAAGGAGAA	GCTGGCCCAG
841	TTGCAGGTGG	CCTATCACCA	GCTCTTCCAA	GAATACGACA	ACCACATCAA	GAGCAGCGTG
901	GTGGGCAGTG	AGCGGAAGCG	AGGAATGCAG	CTGGAAGATC	TCAAACAGCA	GCTCCAGCAG
961	GCCGAGGAGG	CCCTGGTGGC	CAAACAGGAG	GTGATCGATA	AGCTGAAGGA	GGAGGCCGAG
1021	CAGCACAAAGA	TTGTGATGGA	GACCGTTCGG	GTGCTGAAGG	CCCAGGGGA	TATCTACAAG
1081	GCGGACTTCC	AGGCTGAGAG	GCAGGCCCGG	GAGAAGCTGG	CCGAGAAGAA	GGAGCTCCCTG
1141	CAGGAGCAGC	TGGAGCAGCT	GCAGAGGGAG	TACAGCAAAC	TGAAGGCCAG	CTGTCAGGAG
1201	TCGGCCAGGA	TCGAGGACAT	GAGGAAGCGG	CTATGCGAGG	TCTCCCAAGC	CCCCTTGCC
1261	CCCGCCCCCTG	CCTACCTCTC	CTCTCCCCCTG	CCCCCTGCCA	GCCAGAGGAG	GAGCCCCCCC
1321	GAGGAGCCAC	CTGACTCTG	CTGTCCCAAG	TGCCAGTATC	AGGCCCCCTGA	TATGGACACC
1381	CTGCAGATAAC	ATGTCAATGGA	GTGCATTGAG	TAGGGCCGGC	CAGTGCAGG	CCACTGCCTG
1441	CCGAGGACGT	GGCCGGGACC	GTGCAGTCTG	CGCTTCCCTC	TCCCCCTG	CTAGCCCAGG
1501	ATGAAGGGCT	GGGTGCCAC	AACTGGGATG	CCACCTGGAG	CCCCACCCAG	GAGCTGGCCG
1561	CGGCACCTTA	CGCTTCAGCT	GTTGATTCCG	CTGGTCCCCT	CTTTTGGG	AGATGCGGCC
1621	CCGATCAGGC	CTGACTCGCT	GCTCTTTTG	TTCCCTTC	TCTGCTGAA	CCACTTGCCT
1681	CGGGCTAAC	CCTCCCTCTT	CCTCCACCCG	GCAC	AGTCAAGAAT	GGGGCCTGGG
1741	GCTCTCAGGG	AGAACTGCTT	CCCCTGGCAG	CTGGG	CAGCTTTCC	TCCCCACCGGA
1801	CACCGACCCG	CCCGCTGCTG	TGCCCTGGGA	GTGCTGCCCT	CTTACCATGC	ACACGGGTGC
1861	TCTCCTTTG	GGCTGCATGC	TATTCATTT	TGCAGCCAGA	CCGATGTGTA	TTTAACCAGT
1921	CACTATTGAT	GGACATTGG	GTTGTTTCCC	ATCTTTTGT	TACCATMAAT	ARTGGCMTAG
1981	AKAAAAATCC	TTGTGCATTA	AAAAAAAAAA			2009
	10	20	30	40	50	60

Fig. 1

	10	20	30	40	50	60
1	TTCTACTCCT	CCCTCCTCCT	CACCGGGGG	TCTGACCCCA	CTCCCTGTGT	GAGGACTCCT
61	CTAGTTCAAG	GACATATTCT	GTTCACCAAA	CTTGACTCGG	CTCTATCGAG	GTCGTTAAAT
121	TCTTCGGAAA	TGCCTCACAT	ATAGTTTGGC	AGCTAGCCCT	TGCCCTGTGTG	<u>GATGAATAGG</u>
181	CACCTCTGGA	AGAGCCAAC	GTGTGAGATG	GTGCAAGCCCA	GTGGGTGGCCC	GGCAGCAGAT
241	CAGGACGTAC	TGGCGAAGA	GTCTCTCTG	GGGAAGCCAG	CCATGCTGCA	CCTGCCTTCA
301	GAACAGGGCG	CTCCTGAGAC	CCTCCAGCGC	TGCGCTGGAG	GAGAATCAAG	ACCTCCGAGA
361	TGCCATCCGG	CAGTAGCAAC	CGAGATCTTG	CGGGAGCTGC	CGAAGGGAGC	TTTCTGCATT
421	TTCCAAGCCA	GCCAGAGGGG	GGAGAAGGAG	TTCCTCATGT	<u>GAAGGTTC</u> CA	GGAGGCCAGG
481	AAACTGGTGG	AGAGACTCGG	CCTGGAGAAG	CTCGATCTGA	AGAGGCAGAA	GGAGCAGGCT
541	CTGCGGGAGG	TGGAGCAGCT	GAAGAGATGC	CAGCAGCAGA	TGCGTGCAGA	CAAGGCTCT
601	GTGAAAGCCC	AGGTGACGTC	CTTGCTCGGG	GAGCTGCAGG	AGAGCCAGAG	TCGCTTGGAG
661	CCTGCCACTA	AGGAATGCCA	GGCTCTGGAG	GGTCGGGCCC	GGCGGGCCAG	CGAGCAGGG
721	CGGCACTGG	AGAGTGAGCG	CGAGGGCTG	CAGCAGCAGC	ACAGCGTGCA	GGTGACCCAG
781	CTGCCATGCC	AGGCCCCAGG	CGTGGAGGCC	CGCCTCCGCA	TGGAGCGCCA	GGCCGCCCTG
841	GAGGAGAAGA	GGAAAGCTGGC	CCAGTTGCAG	GTGGCCTATC	ACCAGCTCTT	CCAAGAATAC
901	GACAACCCA	TCAAGAGCAG	CGTGGTGGGC	AGTGAGCGGA	AGCGAGGAAT	GCAGCTGGAA
961	GATCTAACAC	AGCAGCTCCA	GCAGGCCAG	GAGGCCCTGG	TGGCCAAACAA	GGACGTGATC
1021	GATAAGCTGA	AGGAGGAGGC	CGACCGAC	AAGATTGTA	TGGAGACCGT	TCCGGTGTG
1081	AAGGCCAGG	CGGATATCTA	CAAGCCGGAC	TTCCAGGCTG	AGAGGCAGGC	CCGGGAGAAG
1141	CTGGCGAGA	AGAAGGGAGCT	CCTCCAGGAG	CAGCTGCAGG	AGCTGCAGAG	GGAGTACAGC
1201	AAACTGAAGG	CCAGCTGTCA	GGAGTCGGCC	AGGATCGAGG	ACATGAGGAA	GGGGCATGTC
1261	GAGGTCTCCC	AGGCCCTCTT	CCCCCCCCCC	CCTGCCTACC	TCTCTCTCC	CCTGGCCCTG
1321	CCCAGCCAGA	GGAGGGAGCCC	CCCCGAGGAG	CCACCTGACT	TCTGCTGTCC	CAAGTGCAG
1381	TATCAGGCC	CTGATATGGA	CACCCCTGCAG	ATACATGTCA	TGGAGTGCAT	<u>TGAGTAGGGC</u>
1441	CGGCCAGTGC	AAAGCCACTG	CCTGCCAGG	ACGTGCCCGG	GACCGTGCGAG	TCTGGCTTT
1501	CCTCTCCCGC	CTGCCCTAGCC	CAGGATGAAG	GGCTGGGTGG	CCACAACTGG	GATGCCACCT
1561	GGAGCCCCAC	CCAGGAGCTG	GCCGGGGCAC	CTTACGCTTC	ACGTGTTGAT	TCCGCTGGTC
1621	CCCTCTTTTG	GGGTAGATGC	GGCCCCGATC	AGGCCTGACT	CGCTGCTCTT	TTTGTTCCT
1681	TCTGCTGTCT	CGAACCACTT	GCCTCCGGCT	AATCCCTCCC	TCTTCTCTCA	CCCGGCACCTG
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1801	GTGGCAGCTC	TTCCCTCCAC	CGGACACCGA	CCCCCGCGT	GCTGTGCCCT	GGGAGTGTG
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1921	CAGACCGATG	TGTATTAAAC	CAGTCACAT	TGATGGACAT	TTGGGTTGTT	TCCCCTCTT
1981	TTGTTACCAT	MAATARTGGC	MTAGAKAAAA	ATCCTTGTGC	ATTAACAAAAA	AAAA
	10	20	30	40	50	60

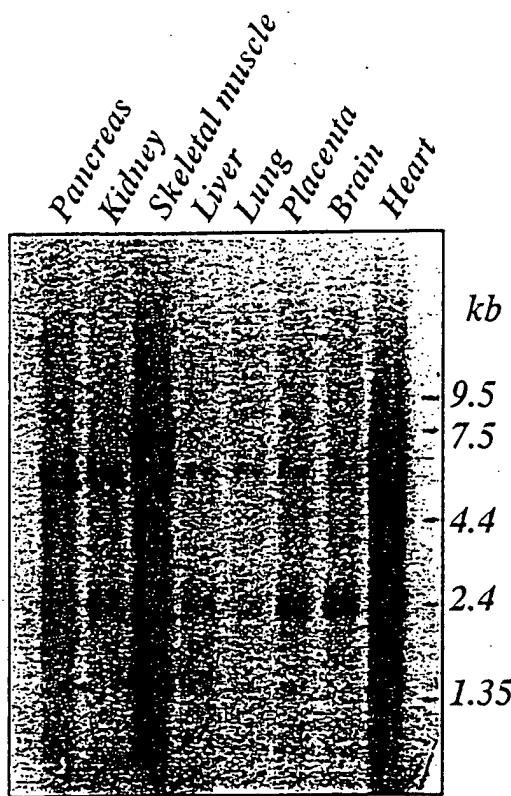
Fig. 2

4

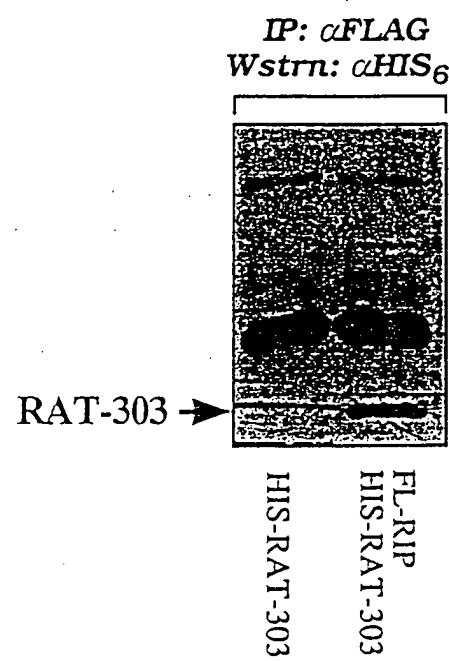
Yeda Research and Development Co. Ltd.

Fig. 3

A



B



C

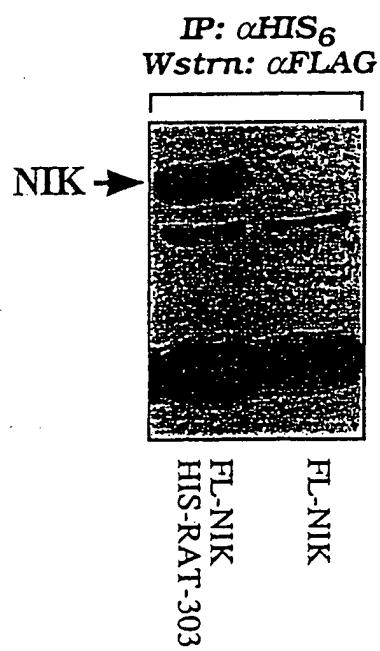


Fig. 4

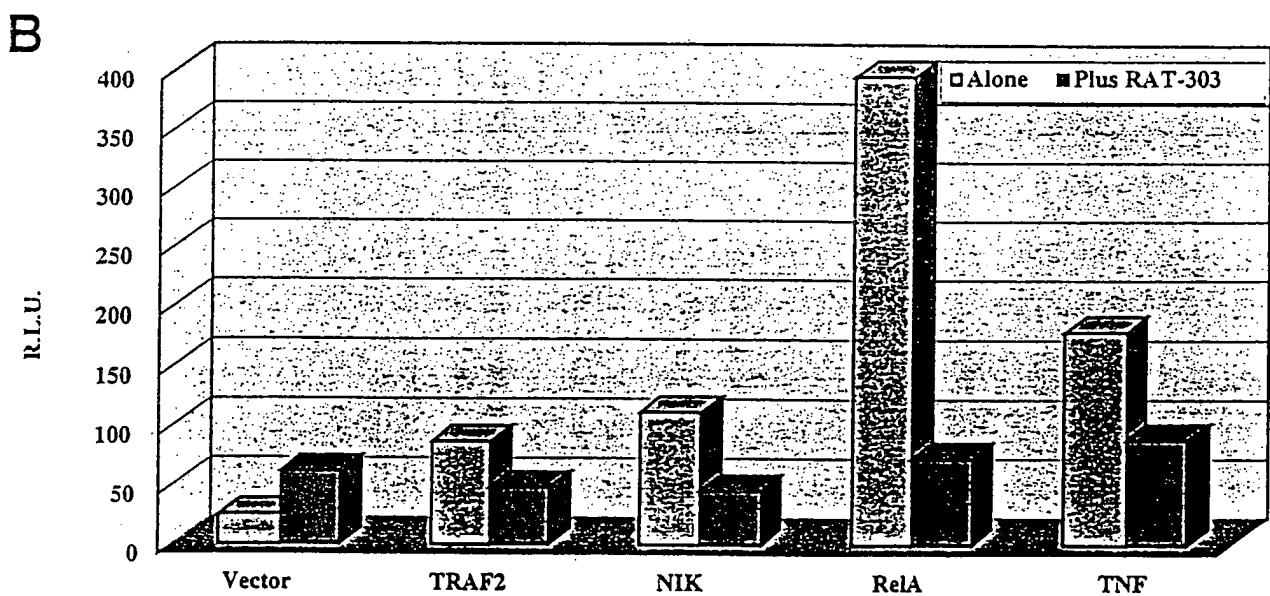
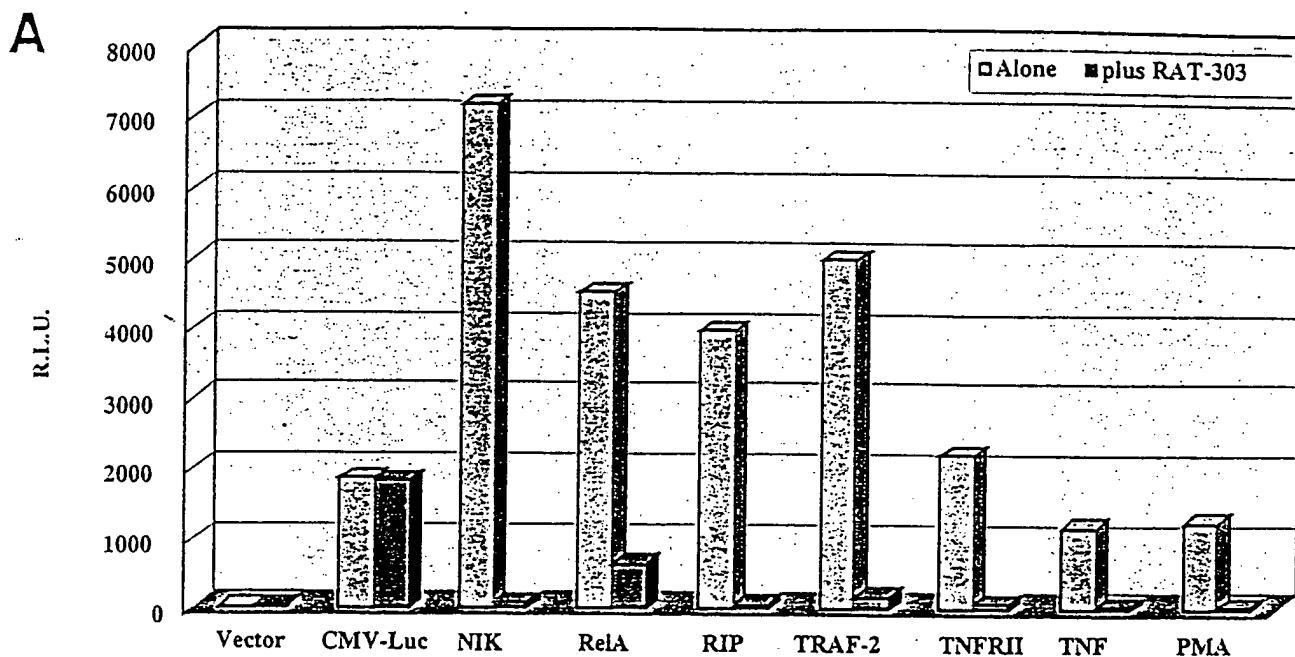


Fig. 5

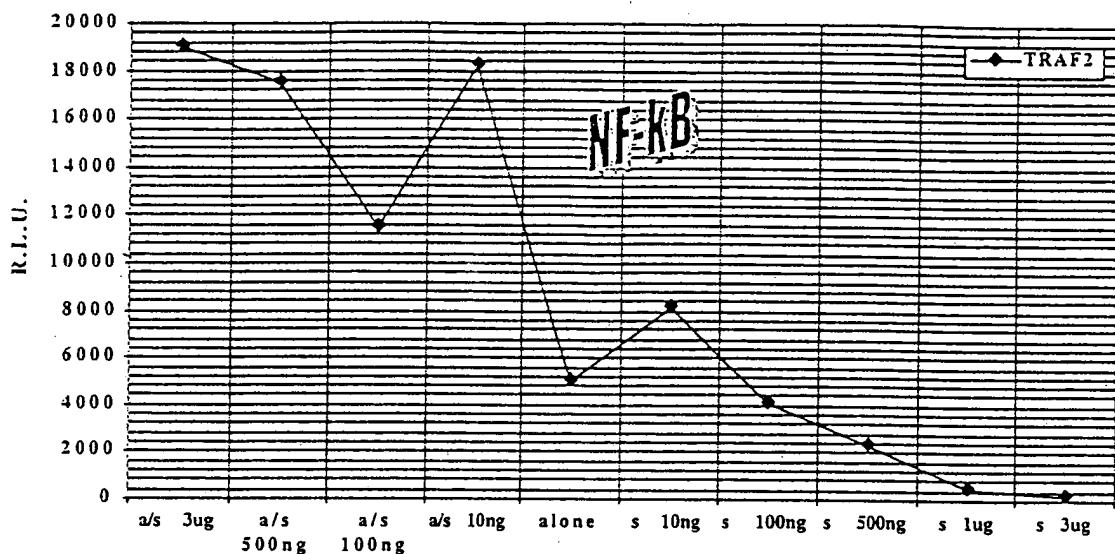
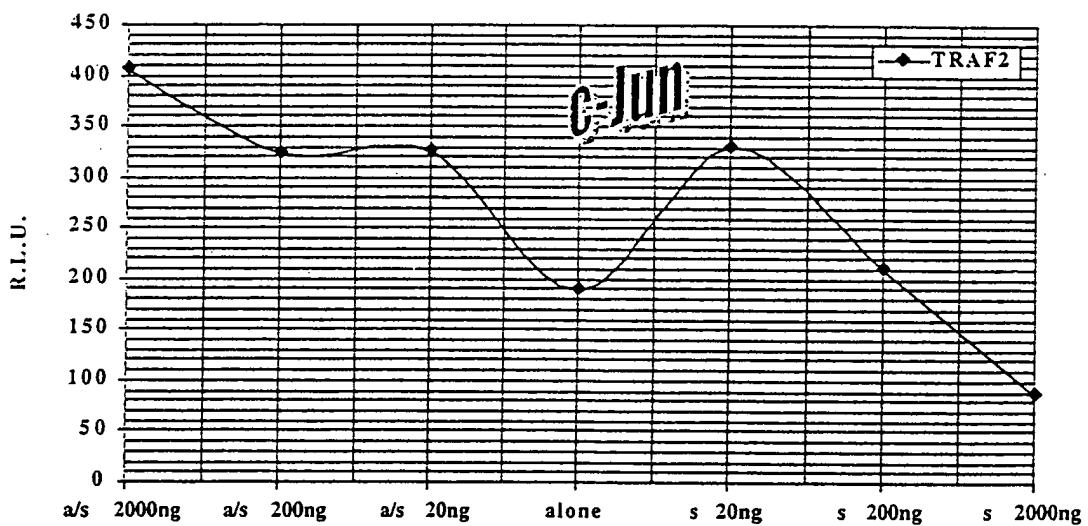
A**B**

Fig. 6

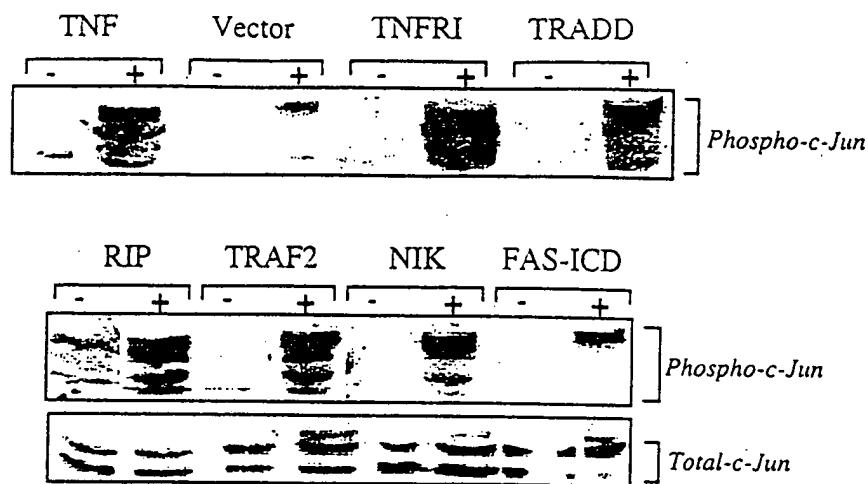
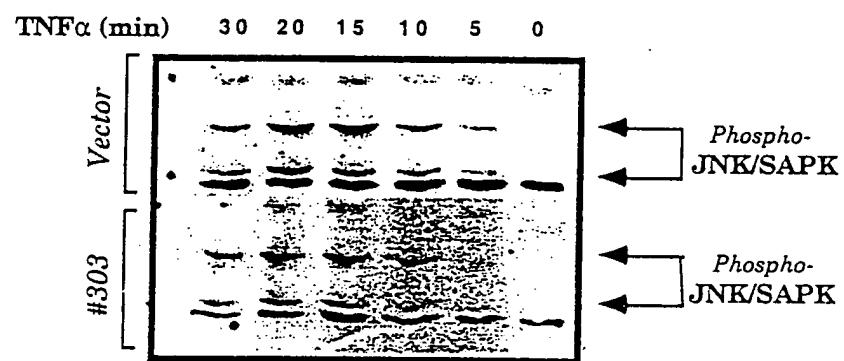
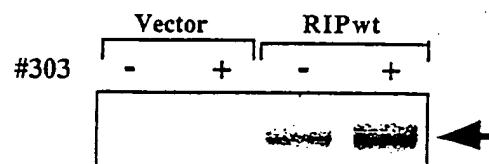
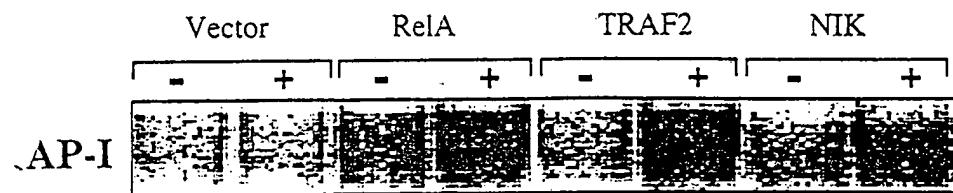
A**B****C**

Fig. 7

A



B

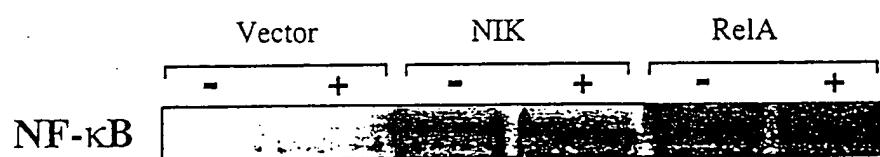
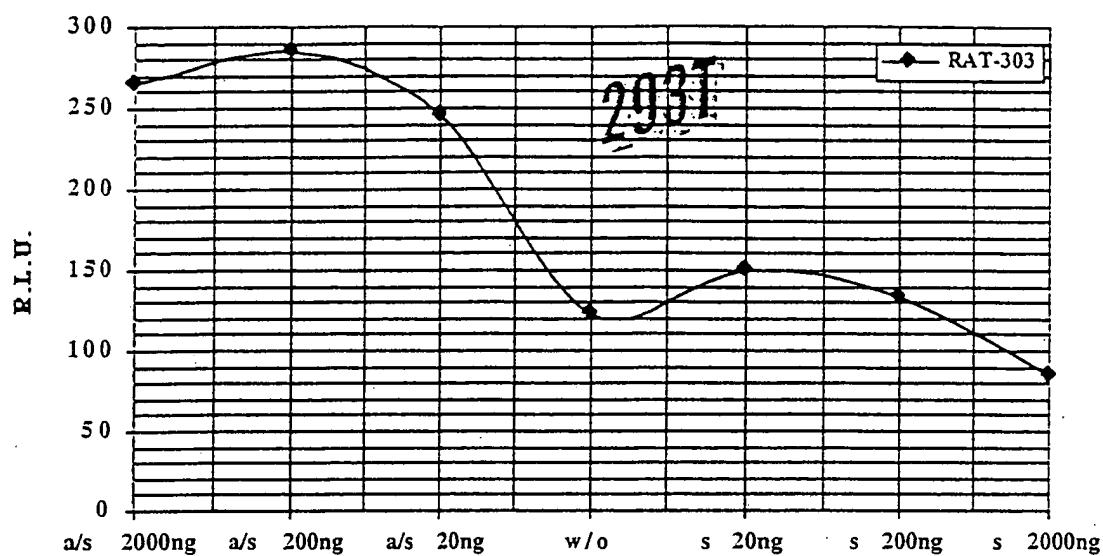


Fig. 8

A



B

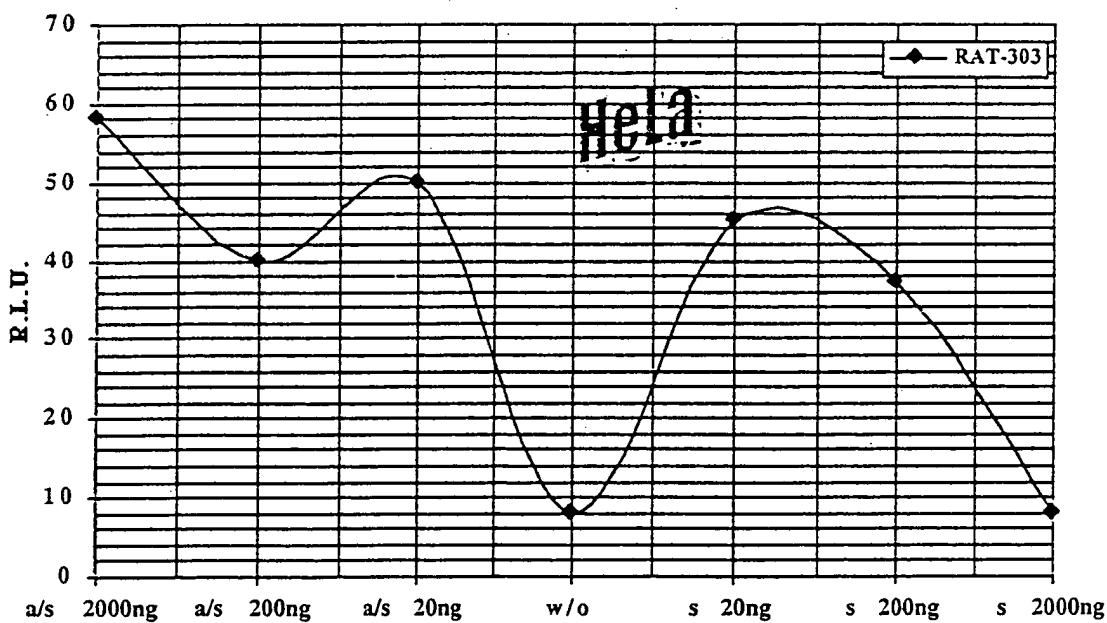
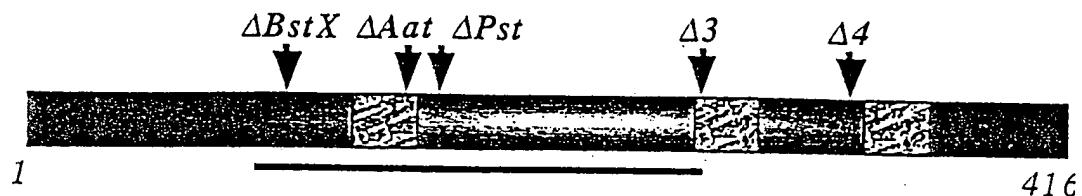
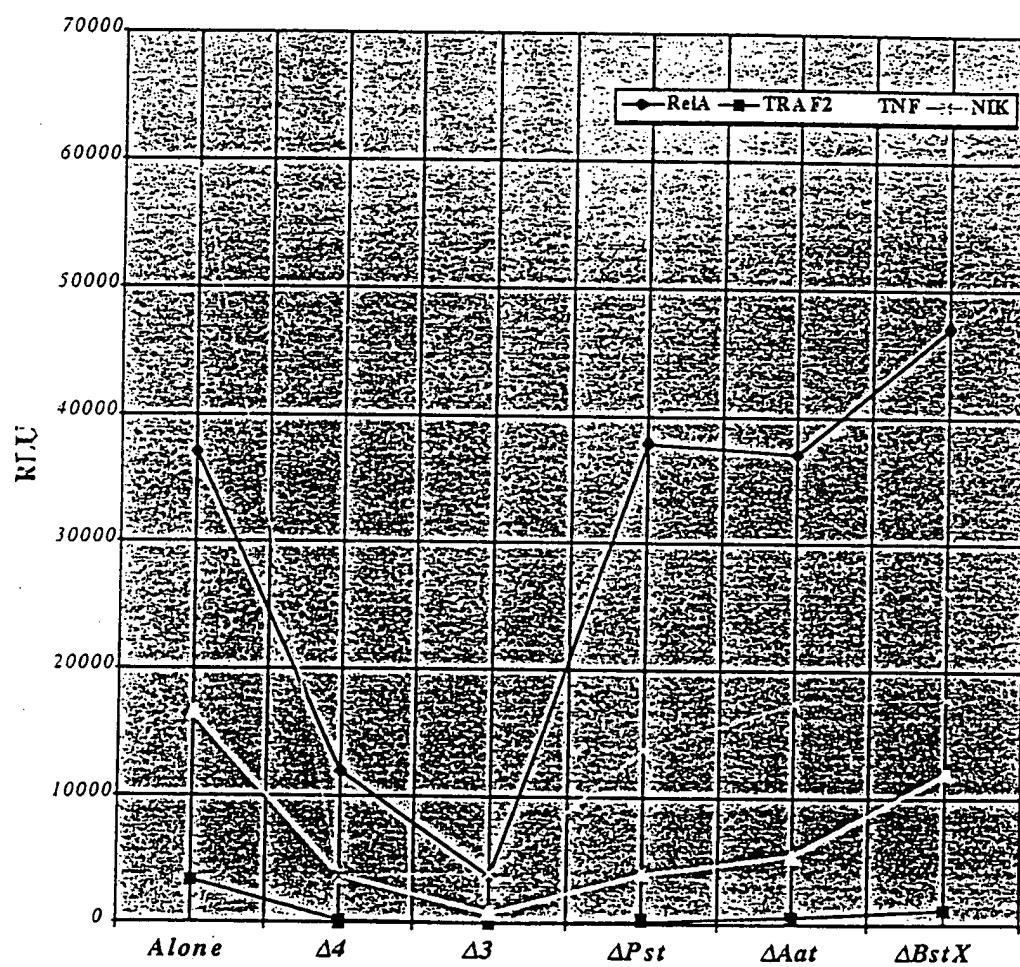
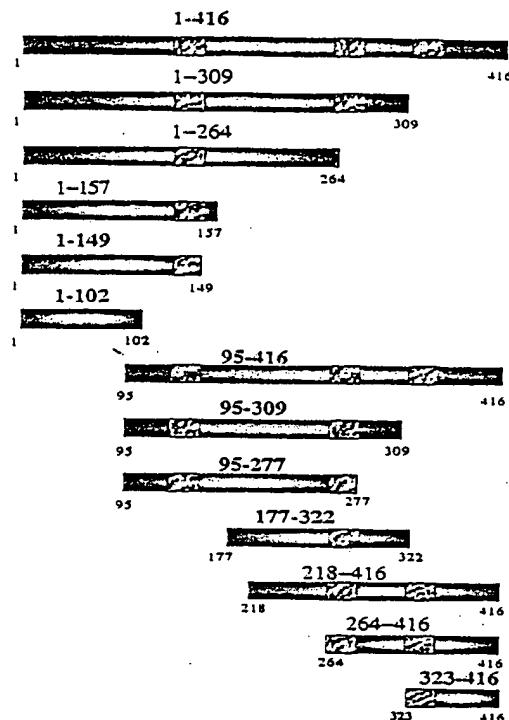


Fig. 9

A**RAT-303****B****Fig. 11**



RIP	NIK	IKK β	TIP60	cl.10	RAT-303	NF- κ B	c-Jun
+	+	-	+	+	+	+	+
+							+
+	+	+	+	+		+	+
+	+	-	+	+	+	+	+
+	+	-	+	-	-	-	+
+	+	-		+			
+							
-	-	-		-	+	+	
-							
-							

B

_____ self

■ RIP

TIP60

NIK

IKK β

cl.#10

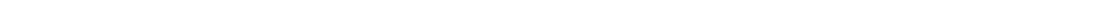
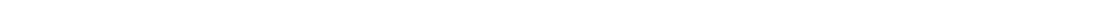
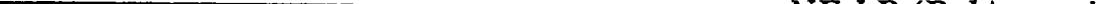
1  *NF- κ B (RelA-specific)* 416
 *NF- κ B (TNF-specific)*
 *c-Jun*

Fig. 12